SEQUENCE LISTING

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					cac His									336
					aac Asn									384
					aga Arg									432
					aag Lys 150									480
					att Ile						-		_	528
			_	_	tta Leu		-		-	_			_	576
					aca Thr									624
					gtt Val									672
					tta Leu 230									720
-				_	agt Ser	_		_	_	-	_	_	-	768
	_	_			tta Leu					-			_	816
					aat Asn									864
					att Ile									912

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	 _			ctt Leu				_	_				_	1008
				tat Tyr										1056
			_	aaa Lys	_		_	_		_	_	_	-	1104
				ggt Gly 375										1152
				gta Val										1200
_			_	 aac Asn			-		_	_		_		1248
	 _			cga Arg	_				_			_		1296
				gac Asp										1344
				act Thr 455										1392
				gga Gly										1440
				cct Pro										1488
	 _	-		aaa Lys	_	_		_				_		1536
				gcg Ala										1584

51	5		520		525	
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			_		tc tgg ggc le Trp Gly	-
		Ser Asn			ca atc gaa Pro Ile Glu	_
_			_		ta att aat eu Ile Asn 590	-
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tcg acg tad Ser Thr 625	j					1881
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	Ala Ala 20		Val Leu 25	10 Pro Gly L	eu Val Gly	15 Leu Ala
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- Ile Ser Ser Met Ala Pro Pro Ala Ser Pro Pro Ala Ser Pro Lys Thr 85 90 95
- Pro Ile Glu Lys Lys His Ala Asp Glu Ile Asp Lys Tyr Ile Gln Gly 100 105 110
- Leu Asp Tyr Asn Lys Asn Asn Val Leu Val Tyr His Gly Asp Ala Val
 115 120 125
- Thr Asn Val Pro Pro Arg Lys Gly Tyr Lys Asp Gly Asn Glu Tyr Ile 130 135 140
- Val Val Glu Lys Lys Lys Ser Ile Asn Gln Asn Asn Ala Asp Ile 145 150 155 160
- Gln Val Val Asn Ala Ile Ser Ser Leu Thr Tyr Pro Gly Ala Leu Val 165 170 175
- Lys Ala Asn Ser Glu Leu Val Glu Asn Gln Pro Asp Val Leu Pro Val
 180 185 190
- Lys Arg Asp Ser Leu Thr Leu Ser Ile Asp Leu Pro Gly Met Thr Asn 195 200 205
- Gln Asp Asn Lys Ile Val Val Lys Asn Ala Thr Lys Ser Asn Val Asn 210 215 220
- Asn Ala Val Asn Thr Leu Val Glu Arg Trp Asn Glu Lys Tyr Ala Gln 225 230 235 240
- Ala Tyr Pro Asn Val Ser Ala Lys Ile Asp Tyr Asp Asp Glu Met Ala 245 250 255
- Tyr Ser Glu Ser Gln Leu Ile Ala Lys Phe Gly Thr Ala Phe Lys Ala 260 265 270
- Val Asn Asn Ser Leu Asn Val Asn Phe Gly Ala Ile Ser Glu Gly Lys 275 280 285

Met Gln Glu Glu Val Ile Ser Phe Lys Gln Ile Tyr Tyr Asn Val Asn Val Asn Glu Pro Thr Arg Pro Ser Arg Phe Phe Gly Lys Ala Val Thr Lys Glu Gln Leu Gln Ala Leu Gly Val Asn Ala Glu Asn Pro Pro Ala Tyr Ile Ser Ser Val Ala Tyr Gly Arg Gln Val Tyr Leu Lys Leu Ser Thr Asn Ser His Ser Thr Lys Val Lys Ala Ala Phe Asp Ala Ala Val Ser Gly Lys Ser Val Ser Gly Asp Val Glu Leu Thr Asn Ile Ile Lys Asn Ser Ser Phe Lys Ala Val Ile Tyr Gly Gly Ser Ala Lys Asp Glu Val Gln Ile Ile Asp Gly Asn Leu Gly Asp Leu Arg Asp Ile Leu Lys Lys Gly Ala Thr Phe Asn Arg Glu Thr Pro Gly Val Pro Ile Ala Tyr Thr Thr Asn Phe Leu Lys Asp Asn Glu Leu Ala Val Ile Lys Asn Asn Ser Glu Tyr Ile Glu Thr Thr Ser Lys Ala Tyr Thr Asp Gly Lys Ile Asn Ile Asp His Ser Gly Gly Tyr Val Ala Gln Phe Asn Ile Ser Trp Asp Glu Val Asn Tyr Asp Pro Glu Gly Asn Glu Ile Val Gln His Lys Asn Trp Ser Glu Asn Asn Lys Ser Lys Leu Ala His Phe Thr Ser Ser

Ile Tyr Leu Pro Gly Asn Ala Arg Asn Ile Asn Val Tyr Ala Lys Glu 515 520 525

Cys Thr Gly Leu Ala Trp Glu Trp Trp Arg Thr Val Ile Asp Arg 530 535 540

Asn Leu Pro Leu Val Lys Asn Arg Asn Ile Ser Ile Trp Gly Thr Thr 545 550 555 560

Leu Tyr Pro Lys Tyr Ser Asn Lys Val Asp Asn Pro Ile Glu Tyr Ala 565 570 575

Leu Ala Tyr Gly Ser Gln Gly Asp Leu Asn Pro Leu Ile Asn Glu Ile 580 585 590

Ser Lys Ile Ile Ser Ala Ala Val Leu Ser Ser Leu Thr Ser Lys Leu 595 600 605

Pro Ala Glu Phe Val Arg Arg Gly Ser Gly Ile Arg Ser Leu Ser Met 610 620

Ser Thr 625